

Program Requirements Document Companywide	7.1 CONTROL OF PURCHASED ITEMS AND SERVICES	Identifier: PRD-5078 Revision: 3 Page: 1 of 14
Document Control Center: (208) 526-1202	Document Owner: Director, Quality Assurance	Effective Date: 03/06/02

Manual: 13A—Quality and Requirements
Management Program Documents

Change Number: 87830

1. PURPOSE

This Program Requirements Document (PRD) identifies requirements and responsibilities for planning and executing procurement of *items* (see def.) and *services* (see def.) to assure conformance with specified requirements. See Appendix A for requirements basis.

2. APPLICABILITY

This PRD applies to company organizations responsible for planning and executing procurements to ensure that purchased items and services meet specified requirements. This section does not apply to direct-support services used for staff augmentation.

The *supplier* (see def.) selection and bid/proposal evaluation requirements of this section do not apply to situations where the Office of Civilian Radioactive Waste Management obtains the services of other Department of Energy offices or federal agencies through Memoranda of Understanding, Memoranda of Agreement, Program Guidance Memoranda, Interagency Agreement, or other documents containing appropriate technical and quality assurance (QA) requirements. Technical and quality requirements specified in these documents are verified to be satisfactorily incorporated into the applicable program prior to starting work subject to the Quality Assurance Requirements and Description (QARD), DOE/RW-0333P.

3. RESPONSIBILITIES

3.1 Procurement Organization

The procurement organization is responsible for developing and maintaining implementing procedures for the procurement process. In addition, the procurement organization is responsible for executing corrective actions for any deficiencies in this process.

3.2 Operations Organizations

Operations organizations are responsible for carrying out requirements contained in this document through use of implementing documents. Specifically, operations organizations are responsible for implementing this process for items and activities within the scope of this document at all operating facilities.

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3.3 Infrastructure Organizations

Infrastructure organizations are responsible for carrying out requirements and implementing direction contained in this document through use of implementing documents. Specifically, these organizations are responsible for implementing this process for items and activities within the scope of this document for all new construction and modifications managed as projects by infrastructure organizations.

3.4 Procurement Quality Organization

The procurement quality organization is responsible for implementing this process for procured items and services within the scope of this document from receipt of the purchase order from the originator through the *acceptance* (see def.) of the item or service by the *purchaser* (see def.). The procurement quality organization is also responsible for performing receiving inspections on procured items as required by this document and associated implementing procedures. Receiving inspections are to be performed in accordance with written planning that documents quality acceptance.

3.5 Originating Organizations

Originating organizations are responsible for ensuring that procurement planning and procurement specification documentation are provided to the procurement organization.

3.6 Warehouse Organization

The warehouse organization is responsible for *receiving* (see def.) items obtained via purchase requisitions in accordance with the requirements of this document and implementing procedures.

4. REQUIREMENTS

4.1 Companywide Applications

The requirements identified in this subsection (4.1) apply to the entire company unless exempted by INT-17, QA PRD Introduction, Subsection 2.

4.1.1 Basic

- 4.1.1.1 The procurement of items and services shall be controlled to assure conformance with specified requirements. Such control shall provide for the following as appropriate: source evaluation and selection, evaluation of *objective evidence* (see def.) of quality furnished by the supplier, source inspection, audit, and examination

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of items or services upon delivery or completion. [NQA-1-1997, Requirement 7, 100 1s and 100 2s]

4.1.2 Source Evaluation and Selection

4.1.2.1 Prior to awarding a contract, the purchaser shall evaluate the supplier's capability to provide items or services in accordance with the requirements of the *procurement documents* (see def.). Supplier evaluation and selection and the results therefrom shall be documented and shall include one or more of the criteria listed below. [NQA-1-1997, Requirement 7, 200 1s and 200 2s; DOE/RW-0333P 7.2.2.A, 7.2.2.C and 7.2.2.D]

- A. Supplier's history of providing an identical or similar product which performs satisfactorily in actual use. The supplier's history shall reflect current capability. [NQA-1-1997, Requirement 7, 200(a) 1s and 200(a) 2s; DOE/RW-0333P 7.2.2.C.1]
- B. Supplier's current quality records supported by documented qualitative and quantitative information which can be objectively evaluated. [NQA-1-1997, Requirement 7, 200(b); DOE/RW-0333P 7.2.2.C.2]
- C. Supplier's technical and quality capability as determined by a direct evaluation of the facilities, personnel, and implementation of the supplier's QA program. [NQA-1-1997, Requirement 7, 200(c); DOE/RW-0333P 7.2.2.C.3]

4.1.2.2 Source *verification* (see def.) shall be performed by personnel qualified in accordance with PRD-5072, 2.2 Personnel Training and Qualification. [DOE/RW-0333P 7.2.8.C]

4.1.3 Proposal Bid Evaluation

- 4.1.3.1 The proposal/bid evaluation process shall include a determination of both the extent of conformance to the procurement document requirements, and the supplier's capability to conform to the technical and QA requirements. [DOE/RW-0333P 7.2.3.A.1s; NQA-1-1997, Requirement 7, 300 1s]
- 4.1.3.2 Prior to award of the contract, the purchaser shall resolve or obtain commitments to resolve unacceptable technical and QA conditions resulting from the bid evaluation. [NQA-1-1997, Requirement 7, 300 2s; DOE/RW-0333P 7.2.3.C]

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- 4.1.3.3 Supplier QA programs shall be accepted by the purchaser before the supplier starts work. *[DOE/RW-0333P 7.2.3.E]*

4.1.4 Control of Supplier Generated Documents

- 4.1.4.1 Controls shall be implemented to assure that the submittal, evaluation, acceptance, and control of supplier-generated documents are accomplished in accordance with the procurement document requirements. These controls shall provide for the acquisition, processing, and recorded evaluation of the QA, technical, inspection, and test documentation or data against *acceptance criteria* (see def.). *[NQA-1-1997, Requirement 7, 400 1s and 400 2s; DOE/RW-0333P 7.2.5.A, 7.2.5.B.1s, and 7.2.5.B.2s]*

4.1.5 Acceptance of Items or Services

- 4.1.5.1 Prior to offering the item or service for acceptance, the supplier shall *verify* (see def.) that the item or service being furnished complies with the procurement requirements. *[NQA-1-1997, Requirement 7, 501 1s; DOE/RW-0333P 7.2.6.A]*
- 4.1.5.2 The supplier shall provide the purchaser with objective evidence that items or services conform to procurement documents. The documentation shall be available at the purchaser's facility before the item is installed or before the service is accepted. *[DOE/RW-0333P 7.2.6.B.1s and 7.2.6.B.2s; NQA-1-1997, Requirement 7, 501 2s]*
- 4.1.5.3 Methods for accepting supplier furnished items or services shall include one or more of the following, as appropriate to the items or services being procured *[DOE/RW-0333P 7.2.6.C; NQA-1-1997, Requirement 7, 502]*:
- A. Evaluating the supplier *Certificate of Conformance* (see def.). *[DOE/RW-0333P 7.2.6.C.1]*
 - B. Performing one or a combination of source verification, receiving inspection, or post-installation test. *[DOE/RW-0333P 7.2.6.C.2]*
 - C. Technical verification of the item or service. *[DOE/RW-0333P 7.2.6.C.3]*
 - D. Surveillance or audit of the work. *[DOE/RW-0333P 7.2.6.C.4]*

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- E. Review of objective evidence (such as certifications, stress reports, or personnel qualifications) for conformance to the procurement requirements. [DOE/RW-0333P 7.2.6.C.5]

4.1.6 Certificate of Conformance

When a Certificate of Conformance is used to accept an item or service, the following requirements must be met [NQA-1-1997, Requirement 7, 503 1s; DOE/RW-0333P 7.2.7.1s]:

- 4.1.6.1 The certificate shall identify the purchased material or equipment, such as by the purchase order number. [NQA-1-1997, Requirement 7, 503 (a); DOE/RW-0333P 7.2.7.A]
- 4.1.6.2 The certificate shall identify the specific procurement requirements met by the purchased material or equipment, such as codes, standards, and other specifications. [NQA-1-1997, Requirement 7, 503 (b) 1s; DOE/RW-0333P 7.2.7.B.1s]
- NOTE:** *This may be accomplished by either including a list of the specific requirements, or by providing, on-site, a copy of the purchase order and the procurement specifications or drawings, together with a suitable certificate. [NQA-1-1997, Requirement 7, 503 (b) 2s]*
- 4.1.6.3 The procurement requirements identified shall include any approved changes, *waivers* (see def.), or *deviations* (see def.) applicable to the subject material or equipment. [NQA-1-1997, Requirement 7, 503 (b) 3s; DOE/RW-0333P 7.2.7.B.2s]
- 4.1.6.4 The certificate shall identify any procurement requirements that have not been met, together with an explanation and the means for resolving the *nonconformance* (see def.). [NQA-1-1997, Requirement 7, 503 (c); DOE/RW-0333P 7.2.7.C]
- 4.1.6.5 The certificate shall be signed or otherwise authenticated by a person who is responsible for this QA function and whose function and position are described in the purchaser's or supplier's QA program. [NQA-1-1997, Requirement 7, 503 (d); DOE/RW-0333P 7.2.7.D]
- 4.1.6.6 The certification system, including the procedures to be followed in filling out a certificate and the administrative procedures for review and *approval* (see def.) of the certificates, shall be described in the purchaser's or supplier's QA program. [NQA-1-1997, Requirement 7, 503 (e); DOE/RW-0333P 7.2.7.E]
- 4.1.6.7 Means shall be provided to verify the validity of supplier certificates and the effectiveness of the certification system, such as

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during the performance of audits of the supplier or independent *inspection* (see def.) or test of items. Such verification shall be conducted by the purchaser at intervals commensurate with the supplier's past quality performance. [NQA-1-1997, Requirement 7, 503 (f) 1s and 503 (f) 2s; DOE/RW-0333P 7.2.7.F.1s and 7.2.7.F.2s]

4.1.7 Source Verification

- 4.1.7.1 When source verification is used, it shall be performed at intervals consistent with, (a) the supplier's planned inspections, examinations, or tests at predetermined points, and (b) the importance and complexity of the item or service. Source inspection shall include monitoring, witnessing, or observed selected activities. [NQA-1-1997, Requirement 7, 504 1s; DOE/RW-0333P 7.2.8.A]
- 4.1.7.2 Source verification shall be implemented in accordance with plans to perform inspections, examinations, or tests at predetermined points. [NQA-1-1997, Requirement 7, 504 2s; DOE/RW-0333P 7.2.8.A]
- 4.1.7.3 Upon purchaser acceptance of source verification, documented evidence of acceptance shall be furnished to the receiving destination of the item, to the purchaser, and to the supplier. [NQA-1-1997, Requirement 7, 504 3s; DOE/RW-0333P 7.2.8.B]

4.1.8 Receiving Inspection

- 4.1.8.1 When receiving inspection is used to accept an item, purchased items shall be inspected as necessary to verify conformance to specified requirements, taking into account source verification and audit activities and the demonstrated quality performance of the supplier. [NQA-1-1997, Requirement 7, 505 1s; DOE/RW-0333P 7.2.9.A]
- 4.1.8.2 Receiving inspection shall verify by objective evidence such features as configuration; identification; dimensional, physical, and other *characteristics* (see def.); freedom from shipping damage; and cleanliness. [NQA-1-1997, Requirement 7, 505 2s; DOE/RW-0333P 7.2.9.C]
- 4.1.8.3 The inspection shall be planned and executed according to the requirements of PRD-5081, 10.1 Inspection. [DOE/RW-0333P 7.2.9.D]
- 4.1.8.4 Receiving inspection shall be coordinated with a review for adequacy and completeness of supplier documentation when procurement documents require such documentation to be furnished prior to receiving inspection. [NQA-1-1997, Requirement 7, 505 3s; DOE/RW-0333P 7.2.9.E]

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- 4.1.8.5 The inspection shall be performed in accordance with established inspection implementing documents. *[DOE/RW-0333P 7.2.9.B]*

4.1.9 Post-Installation Testing

- 4.1.9.1 When post-installation testing is used, post-installation test requirements and acceptance documentation shall be mutually established by the purchaser and supplier. *[NQA-1-1997, Requirement 7, 506; DOE/RW-0333P 7.2.10.A]*

- 4.1.9.2 The test shall be in accordance with the requirements of PRD-5082, 11.1 Test Control. *[DOE/RW-0333P 7.2.10.B]*

4.1.10 Acceptance of Services Only (Additional Requirements to Sections 4.1.5 through 4.1.7)

- 4.1.10.1 In cases involving procurement of services only, such as third party inspection; engineering and consulting service; auditing; and installation, repair, overhaul, or maintenance work, the purchaser shall accept the service by any of the following methods *[NQA-1-1997, Requirement 7, 507 1s]*:

- A. Technical verification of data produced. *[NQA-1-1997, Requirement 7, 507 (a)]*
- B. Surveillance or audit of the work. *[NQA-1-1997, Requirement 7, 507 (b)]*
- C. Review of objective evidence (such as certifications, stress reports, or personnel qualifications) for conformance to the procurement document requirements. *[NQA-1-1997, Requirement 7, 507 (c)]*

4.1.11 Control of Supplier Nonconformances

- 4.1.11.1 Methods for control and disposition of supplier nonconformances for items and services that do not meet procurement documentation requirements shall include the following *[NQA-1-1997, Requirement 7, 600 1s; DOE/RW-0333P 7.2.11.1s]*:

- A. Evaluation of nonconforming items in accordance with PRD-5086, 15.1 Control of Nonconformances. *[NQA-1-1997, Requirement 7, 600 (a); DOE/RW-0333P 7.2.11.A]*
- B. Submittal of nonconformance notice to the purchaser by supplier as directed by the purchaser. These submittals shall include supplier-recommended disposition (e.g., *use-as-is*

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(see def.) or *repair* [see def.]) and technical justification.
[NQA-1-1997, Requirement 7, 600 (b) 1s and 600 (b) 2s;
DOE/RW-0333P, 7.2.11.B.1s]

- C. Nonconformances to the procurement requirements or purchaser-approved documents which consist of one or more of the following, shall be submitted to the purchaser for approval of the recommended disposition whenever one or more of the following conditions exist [NQA-1-1997, Requirement 7, 600 (b) 3s; DOE/RW-0333P 7.2.11.B.2s]:
1. Technical or material requirement is violated
[NQA-1-1997, Requirement 7, 600 (b) (1); DOE/RW-0333P 7.2.11.B.1]
 2. Requirement in supplier documents, which have been approved by the purchaser is violated [NQA-1-1997, Requirement 7, 600 (b) (2); DOE/RW-0333P 7.2.11.B.2]
 3. Nonconformance cannot be corrected by continuation of the original manufacturing process or by *rework* (see def.) [NQA-1-1997, Requirement 7, 600 (b) (3); DOE/RW-0333P 7.2.11.B.3]
 4. The item does not conform to the original requirement even though the item can be restored to a condition such that the capability of the item to function is unimpaired. [NQA-1-1997, Requirement 7, 600 (b) (4); DOE/RW-0333P 7.2.11.B.4]
- D. Purchaser disposition of the supplier's recommendation.
[NQA-1-1997, Requirement 7, 600 (c); DOE/RW-0333P 7.2.11.C]
- E. Verification of the implementation of the disposition.
[NQA-1-1997, Requirement 7, 600 (d); DOE/RW-0333P 7.2.11.D]
- F. Maintenance of records of supplier-submitted nonconformances. [NQA-1-1997, Requirement 7, 600 (e)]

4.1.12 Commercial Grade Items

- 4.1.12.1 Where the design uses *commercial grade items* (see def.), the purchaser can use the following requirements as an acceptable alternative to other requirements of this section for procuring and accepting items. [NQA-1-1997, Requirement 7, 700 1s; DOE/RW-0333P 7.2.12.1s]

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- A. The commercial grade item is identified in an approved design output document. An alternate commercial grade item may be applied, provided the cognizant design organization provides verification that the alternate commercial grade item will perform the intended function and will meet design requirements applicable to both the replaced item and its application. *[NQA-1-1997, Requirement 7, 700 (a)1s and 700 (a)2s; DOE/RW-0333P 7.2.12.A.1s and 7.2.12.A.2s]*
- B. Source evaluation and selection, when deemed necessary by the purchaser based on complexity and importance to safety, shall be in accordance with Subsection 4.1.2, Source Evaluation and Selection, of this document. *[NQA-1-1997, Requirement 7, 700 (b); DOE/RW-0333P 7.2.12.B]*
- C. Commercial grade items shall be identified in the purchase order by the manufacturer's published product description (for example, catalog number). *[NQA-1-1997, Requirement 7, 700 (c); DOE/RW-0333P 7.2.12.C]*
- D. One or a combination of the following methods shall be used to provide reasonable assurance that the item meets the acceptance criteria for the characteristics identified to be verified for acceptance *[NQA-1-1997, Requirement 7, 700 (d)1s]*:
 1. *special test(s)* (see def.) or inspection(s) or both to the extent determined by the purchaser to ensure conformance with the manufacturer's published requirements *[NQA-1-1997, Requirement 7, 700 (d)(1); DOE/RW-0333P 7.2.12.D.3]*
 2. commercial grade survey of the supplier *[NQA-1-1997, Requirement 7, 700 (d) (2)]*
 3. source verification *[NQA-1-1997, Requirement 7, 700 (d) (3)]*
 4. acceptable supplier/item performance records. *[NQA-1-1997, Requirement 7, 700 (d) (4)]*
- E. Prior to acceptance of a commercial grade item, the purchaser shall determine that *[NQA-1-1997, Requirement 7, 700 (e); DOE/RW-0333P 7.2.12.D]*:
 1. the item did not sustain damage during shipment *[NQA-1-1997, Requirement 7, 700 (e)(1); DOE/RW-0333P 7.2.12.D.1]*

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2. the item received was the item ordered, and the item satisfied the specified acceptance criteria
[NQA-1-1997, Requirement 7, 700 (e)(2); DOE/RW-0333P 7.2.12.D.2]
3. specified documentation, applicable to the item, was received and is acceptable. *[NQA-1-1997, Requirement 7, 700 (e)(3); DOE/RW-0333P 7.2.12.D.4]*

4.1.13 Records

- 4.1.13.1 All records designated in implementing documents as *quality assurance records* (see def.) shall be controlled in accordance with PRD-5088, 17.1 Quality Assurance Records. *[Summary of records requirements from NQA-1-1997, DOE/RW-0333P, and Company Imposed Requirements]*

4.2 Specific Requirements for DOE/RW-0333P QARD Revision 10 Applications

This subsection (4.2) contains additional requirements from the QARD (DOE/RW-0333P, Revision 10) which are specific to the Spent Nuclear Fuel Program.

4.2.1 Procurement Planning

- 4.2.1.1 Procurement planning shall *[DOE/RW-0333P 7.2.1.2s]*:
 - A. Identify procurement methods and organizational responsibilities. *[DOE/RW-0333P 7.2.1.A]*
 - B. Identify what is to be accomplished, who is to accomplish it, how it is to be accomplished, and when it is to be accomplished. *[DOE/RW-0333P 7.2.1.B]*
 - C. Identify and document the sequence of actions and milestones needed to effectively complete the procurement. *[DOE/RW-0333P 7.2.1.C]*
 - D. Provide for the integration of the following activities *[DOE/RW-0333P 7.2.1.D]*:
 1. procurement document preparation, review, and change control according to the requirements of PRD-5075, 4.1 Procurement Document Control *[DOE/RW-0333P 7.2.1.D.1]*
 2. selection of procurement sources *[DOE/RW-0333P 7.2.1.D.2]*

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3. proposal/bid evaluation and award
[DOE/RW-0333P 7.2.1.D.3]
 4. evaluation of supplier performance
[DOE/RW-0333P 7.2.1.D.4]
 5. verifications including any hold and witness point notifications *[DOE/RW-0333P 7.2.1.D.5]*
 6. identification of QA records. *[DOE/RW-0333P 7.2.1.D.9]*
- E. Be accomplished as early as possible and no later than at the start of those procurement activities that are required to be controlled. *[DOE/RW-0333P 7.2.1.E]*
- F. Be performed relative to the level of importance, complexity, and quantity of the item or service being procured and the supplier's quality performance.
[DOE/RW-0333P 7.2.1.F]
- G. Include the involvement of the QA organization.
[DOE/RW-0333P 7.2.1.G]

4.2.2 Source Evaluation and Selection

- 4.2.2.1 The organizational responsibilities for source evaluation and selection shall be identified, including provisions for input from the QA organization. *[DOE/RW-0333P 7.2.2.B]*

4.2.3 Proposal/Bid Evaluation

- 4.2.3.1 The proposal/bid evaluation shall be performed by designated, technically qualified organizations including the QA organization.
[DOE/RW-0333P 7.2.3.A.2s]
- 4.2.3.2 The evaluation shall include the following subjects consistent with the importance, complexity, and quantity of items or services being procured *[DOE/RW-0333P 7.2.3.B]*:
- A. technical considerations *[DOE/RW-0333P 7.2.3.B.1]*
 - B. QA program requirements *[DOE/RW-0333P 7.2.3.B.2]*
 - C. supplier personnel *[DOE/RW-0333P, 7.2.3.B.3]*
 - D. supplier production capability *[DOE/RW-0333P 7.2.3.B.4]*
 - E. supplier past performance *[DOE/RW-0333P 7.2.3.B.5]*

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F. alternatives *[DOE/RW-0333P 7.2.3.B.6]*

G. exceptions. *[DOE/RW-0333P 7.2.3.B.7]*

4.2.3.3 Supplier QA programs shall be evaluated either before or after contract placement, and any deficiencies that would affect quality shall be corrected before starting work subject to the QARD.
[DOE/RW-0333P 7.2.3.D]

4.2.4 Supplier Performance Evaluation

4.2.4.1 The purchaser of items and services shall establish measures to interface with the supplier and to verify supplier's performance. The measures shall include *[DOE/RW-0333P 7.2.4.A.1s and 7.2.4.A.2s]*:

- A. Establishing an understanding between the purchaser and supplier of the requirements and specifications identified in the procurement documents. *[DOE/RW-0333P 7.2.4.A.1]*
- B. Requiring the supplier to identify planning techniques and processes to be used in fulfilling procurement document requirements. *[DOE/RW-0333P 7.2.4.A.2]*
- C. Reviewing supplier documents that are prepared or processed during work performed to fulfill procurement document requirements. *[DOE/RW-0333P 7.2.4.A.3]*
- D. Identifying and processing necessary change information. *[DOE/RW-0333P 7.2.4.A.4]*
- E. Establishing the method to be used to document information exchanges between purchaser and supplier. *[DOE/RW-0333P 7.2.4.A.5]*
- F. Establishing the extent of source surveillance and inspection. *[DOE/RW-0333P 7.2.4.A.6]*

4.2.4.2 The extent of verifications shall be a function of the relative importance, complexity, and quantity of items or services being procured, and the supplier's quality performance.
[DOE/RW-0333P 7.2.4.B]

4.2.4.3 Verifications shall be conducted as early as practical and shall not relieve the supplier of the responsibility for the verification of quality achievement. *[DOE/RW-0333P 7.2.4.C.1s]*

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4.2.4.4 Verifications shall include supplier audits used as a method of evaluating the supplier's performance, and evaluation of purchaser's documentation to aid in the determination of the effectiveness of the supplier's QA program.
[DOE/RW-0333P 7.2.4.C.2s]

5. DEFINITIONS

Refer to LST-199, Definitions, in the QA PRD Manual for the definitions of the following terms:

acceptance

acceptance criteria

approval

certificate of conformance

characteristics

commercial grade items

deviation

inspection

item

nonconformance

objective evidence

procurement document

purchaser

quality assurance record

receiving

repair

rework

service

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special test

supplier

use-as-is

verification

verify

waiver

6. REFERENCES

ASME NQA-1-1997, Quality Assurance Requirements for Nuclear Facility Applications

DOE/RW-0333P, Office of Civilian Radioactive Waste Management, Quality Assurance Requirements and Description, Revision 10

7. APPENDICES

Appendix A, 7.1 Basis

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APPENDIX A

7.1 Basis

Source	Citation	Requirement	Comments
ASME NQA-1-1997, Quality Assurance Requirements for Nuclear Facility Applications, Requirement 7	100 1s and 100 2s	4.1.1.1	Consensus Requirement (CR)
NQA-1-1997, Requirement 7	200 1s and 200 2s	4.1.2.1	CR
NQA-1-1997, Requirement 7	200(a)1s and 200(a)2s	4.1.2.1.A	CR
NQA-1-1997, Requirement 7	200(b)	4.1.2.1.B	CR
NQA-1-1997, Requirement 7	200(c)	4.1.2.1.C	CR
NQA-1-1997, Requirement 7	300 1s	4.1.3.1	CR
NQA-1-1997, Requirement 7	400 1s and 400 2s	4.1.4.1	CR
NQA-1-1997, Requirement 7	501 1s	4.1.5.1	CR
NQA-1-1997, Requirement 7	501 2s	4.1.5.2	CR
NQA-1-1997, Requirement 7	502	4.1.5.2	CR
NQA-1-1997, Requirement 7	503 (a)	4.1.6.1	CR
NQA-1-1997, Requirement 7	503 (b) 1s	4.1.6.2	CR
NQA-1-1997, Requirement 7	503 (b) 2s	4.1.6.2 NOTE	CR
NQA-1-1997, Requirement 7	503 (b) 3s	4.1.6.3	CR
NQA-1-1997, Requirement 7	503 (c)	4.1.6.4	CR
NQA-1-1997, Requirement 7	503 (d)	4.1.6.5	CR
NQA-1-1997, Requirement 7	503 (e)	4.1.6.6	CR
NQA-1-1997, Requirement 7	503 (f)1s and 503 (f)2s	4.1.6.7	CR
NQA-1-1997, Requirement 7	503 1s	4.1.6	CR
NQA-1-1997, Requirement 7	504 1s	4.1.7.1	CR
NQA-1-1997, Requirement 7	504 2s	4.1.7.2	CR
NQA-1-1997, Requirement 7	504 3s	4.1.7.3	CR
NQA-1-1997, Requirement 7	505 1s	4.1.8.1	CR
NQA-1-1997, Requirement 7	505 2s	4.1.8.2	CR
NQA-1-1997, Requirement 7	505 3s	4.1.8.4	CR
NQA-1-1997, Requirement 7	506	4.1.9.1	CR
NQA-1-1997, Requirement 7	507 (a)	4.1.10.1.A	CR
NQA-1-1997, Requirement 7	507 (b)	4.1.10.1.B	CR
NQA-1-1997, Requirement 7	507 (c)	4.1.10.1.C	CR
NQA-1-1997, Requirement 7	507 1s	4.1.10.1	CR
NQA-1-1997, Requirement 7	600 (a)	4.1.11.1.A	CR

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Source	Citation	Requirement	Comments
NQA-1-1997, Requirement 7	600 (b) (2)	4.1.11.1.C.2	CR
NQA-1-1997, Requirement 7	600 (b) (4)	4.1.11.1.C.4	CR
NQA-1-1997, Requirement 7	600 (b) 1s and 600 (b) 2s	4.1.11.1.B	CR
NQA-1-1997, Requirement 7	600 (b) 3s	4.1.11.1.C	CR
NQA-1-1997, Requirement 7	600 (b) 3s(1)	4.1.11.1.C.1	CR
NQA-1-1997, Requirement 7	600 (c)	4.1.11.1.D	CR
NQA-1-1997, Requirement 7	600 (d)	4.1.11.1.E	CR
NQA-1-1997, Requirement 7	600 (e)	4.1.11.1.F	CR
NQA-1-1997, Requirement 7	600 1s	4.1.11.1	CR
NQA-1-1997, Requirement 7	600 s (b) (3)	4.1.11.1.C.3	CR
NQA-1-1997, Requirement 7	7.2.3.C	4.1.3.2	CR
NQA-1-1997, Requirement 7	700 (a) 1s and 700 (a) 2s	4.1.12.1.A	CR
NQA-1-1997, Requirement 7	700 (b)	4.1.12.1.B	CR
NQA-1-1997, Requirement 7	700 (c)	4.1.12.1.C	CR
NQA-1-1997, Requirement 7	700 (d) (1)	4.1.12.1.D.1	CR
NQA-1-1997, Requirement 7	700 (d) (2)	4.1.12.1.D.2	CR
NQA-1-1997, Requirement 7	700 (d) (3)	4.1.12.1.D.3	CR
NQA-1-1997, Requirement 7	700 (d) (4)	4.1.12.1.D.4	CR
NQA-1-1997, Requirement 7	700 (d) 1s	4.1.12.1.C	CR
NQA-1-1997, Requirement 7	700 (e)	4.1.12.1.E	CR
NQA-1-1997, Requirement 7	700 (e)(1)	4.1.12.1.E.1	CR
NQA-1-1997, Requirement 7	700 (e)(2)	4.1.12.1.E.2	CR
NQA-1-1997, Requirement 7	700 (e)(3)	4.1.12.1.E.3	CR
NQA-1-1997, Requirement 7	700 1s	4.1.12.1	CR
DOE.RW-0333P	7.2.6.A	4.1.5.1	CR
DOE/RW-0333P	300 2s	4.1.3.2	CR
DOE/RW-0333P	7.2.1.2s	4.2.1.1	Specific Requirement (SR)
DOE/RW-0333P	7.2.1.A	4.2.1.1.A	SR
DOE/RW-0333P	7.2.1.B	4.2.1.1.B	SR
DOE/RW-0333P	7.2.1.C	4.2.1.1.C	SR
DOE/RW-0333P	7.2.1.D	4.2.1.1.D	SR
DOE/RW-0333P	7.2.1.D.1	4.2.1.1.D.1	SR
DOE/RW-0333P	7.2.1.D.2	4.2.1.1.D.2	SR

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Source	Citation	Requirement	Comments
DOE/RW-0333P	7.2.1.D.3	4.2.1.1.D.3	SR
DOE/RW-0333P	7.2.1.D.4	4.2.1.1.D.4	SR
DOE/RW-0333P	7.2.1.D.5	4.2.1.1.D.5	SR
DOE/RW-0333P	7.2.1.D.9	4.2.1.1.D.6	SR
DOE/RW-0333P	7.2.1.E	4.2.1.1.E	SR
DOE/RW-0333P	7.2.1.F	4.2.1.1.F	SR
DOE/RW-0333P	7.2.1.G	4.15.1.G	SR
DOE/RW-0333P	7.2.10.A	4.1.9.1	CR
DOE/RW-0333P	7.2.10.B	4.1.9.2	CR
DOE/RW-0333P	7.2.11.1s	4.1.11.1	CR
DOE/RW-0333P	7.2.11.A	4.1.11.1.A	CR
DOE/RW-0333P	7.2.11.B.1	4.1.11.1.C.1	CR
DOE/RW-0333P	7.2.11.B.1s	4.1.11.1.B	CR
DOE/RW-0333P	7.2.11.B.2	4.1.11.1.C.2	CR
DOE/RW-0333P	7.2.11.B.2	4.1.11.1.C.3	CR
DOE/RW-0333P	7.2.11.B.2s	4.1.11.1.C	CR
DOE/RW-0333P	7.2.11.B.4	4.1.11.1.C.4	CR
DOE/RW-0333P	7.2.11.C	4.1.11.1.D	CR
DOE/RW-0333P	7.2.11.D	4.1.11.1.E	CR
DOE/RW-0333P	7.2.12.A.1s and 7.2.12.A.2s	4.1.12.1.A	CR
DOE/RW-0333P	7.2.12.B	4.1.12.1.B	CR
DOE/RW-0333P	7.2.12.C	4.1.12.1.C	CR
DOE/RW-0333P	7.2.12.D	4.1.12.1.E	CR
DOE/RW-0333P	7.2.12.D.1	4.1.12.1.E.1	CR
DOE/RW-0333P	7.2.12.D.2	4.1.12.1.E.2	CR
DOE/RW-0333P	7.2.12.D.3	4.1.12.1.D.1	CR
DOE/RW-0333P	7.2.12.D.4	4.1.12.1.E.3	CR
DOE/RW-0333P	7.2.2.B	4.2.2.1	SR
DOE/RW-0333P	7.2.2.C.1	4.1.2.1.A	CR
DOE/RW-0333P	7.2.2.C.2	4.1.2.1.B	CR
DOE/RW-0333P	7.2.2.C.3	4.1.2.1.C	CR
DOE/RW-0333P	7.2.3.A.1s	4.1.3.1	CR
DOE/RW-0333P	7.2.3.A.2s	4.2.3.1	SR
DOE/RW-0333P	7.2.3.B	4.2.3.2	SR
DOE/RW-0333P	7.2.3.B.1	4.2.3.2.A	SR

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Source	Citation	Requirement	Comments
DOE/RW-0333P	7.2.3.B.2	4.2.3.2.B	SR
DOE/RW-0333P	7.2.3.B.3	4.2.3.2.C	SR
DOE/RW-0333P	7.2.3.B.4	4.2.3.2.D	SR
DOE/RW-0333P	7.2.3.B.5	4.2.3.2.E	SR
DOE/RW-0333P	7.2.3.B.6	4.2.3.2.F	SR
DOE/RW-0333P	7.2.3.B.7	4.2.3.2.G	SR
DOE/RW-0333P	7.2.3.D	4.2.3.3	SR
DOE/RW-0333P	7.2.3.E	4.1.3.3	CR
DOE/RW-0333P	7.2.4.A.1	4.2.4.1.A	SR
DOE/RW-0333P	7.2.4.A.1s and 7.2.4.A.2s	4.2.4.1	SR
DOE/RW-0333P	7.2.4.A.2	4.2.4.1.B	SR
DOE/RW-0333P	7.2.4.A.3	4.2.4.1.C	SR
DOE/RW-0333P	7.2.4.A.4	4.2.4.1.D	SR
DOE/RW-0333P	7.2.4.A.5	4.2.4.1.E	SR
DOE/RW-0333P	7.2.4.A.6	4.2.4.1.F	SR
DOE/RW-0333P	7.2.4.B	4.2.4.2	SR
DOE/RW-0333P	7.2.4.C.1s	4.2.4.3	SR
DOE/RW-0333P	7.2.4.C.2s	4.2.4.4	SR
DOE/RW-0333P	7.2.5.A, 7.2.5.B.1s and 7.2.5.B.2s	4.1.4.1	CR
DOE/RW-0333P	7.2.6.B.1s and 7.2.6.B.2s	4.1.5.2	CR
DOE/RW-0333P	7.2.6.C	4.1.5.2	CR
DOE/RW-0333P	7.2.6.C.1	4.1.5.3.A	CR
DOE/RW-0333P	7.2.6.C.2	4.1.5.3.B	CR
DOE/RW-0333P	7.2.6.C.3	4.1.5.3.C	CR
DOE/RW-0333P	7.2.6.C.4	4.1.5.3.D	CR
DOE/RW-0333P	7.2.6.C.5	4.1.5.3.E	CR
DOE/RW-0333P	7.2.7.1s	4.1.6	CR
DOE/RW-0333P	7.2.7.A	4.1.6.1	CR
DOE/RW-0333P	7.2.7.B.1s	4.1.6.2	CR
DOE/RW-0333P	7.2.7.B.2s	4.1.6.3	CR
DOE/RW-0333P	7.2.7.C	4.1.6.4	CR
DOE/RW-0333P	7.2.7.D	4.1.6.5	CR
DOE/RW-0333P	7.2.7.E	4.1.6.6	CR

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Source	Citation	Requirement	Comments
DOE/RW-0333P	7.2.7.F.1s and 7.2.2.F.2s	4.1.6.7	CR
DOE/RW-0333P	7.2.8.A	4.1.7.2	CR
DOE/RW-0333P	7.2.8.A	4.1.7.1	CR
DOE/RW-0333P	7.2.8.C	4.1.2.2	CR
DOE/RW-0333P	7.2.9.A	4.1.8.1	CR
DOE/RW-0333P	7.2.9.B	4.1.8.5	CR
DOE/RW-0333P	7.2.9.C	4.1.8.2	CR
DOE/RW-0333P	7.2.9.D	4.1.8.3	CR
DOE/RW-0333P	7.2.9.E	4.1.8.4	CR
DOE/RW-0333P, Office of Civilian Radioactive Waste Management, Quality Assurance Requirements and Description, Revision 10	7.2.2.A, 7.2.2.C and 7.2.2.D	4.1.2.1	CR
DOE-RW-0333P	7.2.12.1s	4.1.12.1	CR
DOE-RW-0333P	7.2.8.B	4.1.7.3	CR
PRD 17.1, Quality Assurance Records	All	4.1.13.1	Summary of records requirements from NQA-1-1997, DOE/RW-0333P, and Company Imposed Requirements